

Work Order ID 80996

80996

Page 1

March 6, 2012 10:52:10 AM

Item ID: D3801-1

Accept

N900040100

Setup Start

NS1

Revision ID: U/R

Stop

NS2

Item Name: Hand Retractable Spring Plunger

Start Date: 3/06/12 Start Qty: 10.00

10

Cust Item ID:

Required Date: 3/07/12 Req'd Qty: 10.00

10

Customer:

Reference:

Approvals:

Process Plan:

Date:

Tooling:

Date:

Run Start

NR1

QC:

Date:

SPC (Y/N):

Date:

Stop

NR2

Sequence ID/ Work Center ID	Operation Description	Set Up/ Run Hours	Tool ID	Tool #	Plan Code	Accept Qty	Reject Qty	Reject Number	Insp. Stamp
--------------------------------	--------------------------	----------------------	---------	--------	--------------	---------------	---------------	------------------	----------------

Draw Nbr

Revision Nbr

D3801

Rev ~~A~~ B

per EN 12535 L

100

0.00

100

Purchasing

PURCHASING

Memo

0.00

Purchasing

Issue P/O:

16273

Purchase Part Number: ~~WIP-10~~

KBP-504

Supplier: REID SUPPLY COMPANY

Certificate of conformity is required

CZ 12/03/06 10

FR

110

Receive & Inspect for Damage & Mat'l Certs

0.00

110

Packaging

Memo

0.00

Packaging

Ensure material certification is attached

CZ 12/03/06 10

120

QC6- Inspect dimensions to drawing

0.00

120

QC

Memo

0.00

Quality Control

Ensure Material certification comply to Dwg D3801

Scr 12/03/06

(29)

Dart Aerospace Ltd

W/O:		WORK ORDER CHANGES					
DATE	STEP	PROCEDURE CHANGE	By	Date	Qty	Approval Chief Eng / Prod Mgr	Approval QC Inspector
12/03/06		Proc B back 1 for testing				U 12/03/06	S 12/03/06

Part No: _____ PAR #: _____ Fault Category: _____ NCR: Yes No DQA: _____ Date: _____

Resolution: _____ Disposition: _____ QA: N/C Closed: _____ Date: _____

NCR:		WORK ORDER NON-CONFORMANCE (NCR)						
DATE	STEP	Description of NC Section A	Corrective Action Section B			Verification Section C	Approval Chief Eng	Approval QC Inspector
			Initial Chief Eng	Action Description Chief Eng	Sign & Date			

NOTE: Date & initial all entries

Chantal Lavoie

From: Marc Bellavance <mbellavance@dartaero.com>
Sent: March 1, 2012 11:55 AM
To: Lavoie, Chantal
Cc: Lacelle, Linda; Fauteux, Melanie
Subject: Spring Plunger D3801-1 (KBP-504)

Hi Chantal,

As discussed, I had to use qty(1) of item in subject line to perform a test fit. All is good but since installing the part works the threads, the plunger will remain installed on our AS350 show basket.
Revision of D3801 is under CAR12-64.



Marc Bellavance

Technical/Shop Support

T. 613-632-5200 | C. 613-676-0992 | F. 613-632-9311

1270 Aberdeen Street, Hawkesbury, Ontario, Canada, K6A 2K7



Product Documentation: Verify Revision Status/Download [HERE!](#)

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Please consider your environmental responsibility before printing this e-mail.

Work Order ID 80996***80996***

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March 6, 2012 10:52:10 AM

Item ID: D3801-1

Accept

N900040100Setup Start ***NS1***

Revision ID: U/R

Stop ***NS2***

Item Name: Hand Retractable Spring Plunger

Start Date: 3/06/12 Start Qty: 10.00

10

Cust Item ID:

Required Date: 3/07/12 Req'd Qty: 10.00

10

Customer:

Reference:

Approvals: Process Plan: _____ Date: _____ Tooling: _____ Date: _____

Run Start ***NR1***

QC: _____ Date: _____ SPC (Y/N): _____ Date: _____

Stop ***NR2***Sequence ID/
Work Center IDOperation
DescriptionSet Up/
Run Hours

Tool ID

Tool #

Plan
CodeAccept
QtyReject
QtyReject
NumberInsp.
Stamp

130

Identify as per dwg & Stock Location: GA

0.00

130

Packaging

Memo

0.00

Packaging

(9) SB 12/03/08

140

QC21- Final Inspection - Work Order Release

0.00

140

QC

Memo

0.00

Quality Control

MLJ 12/03/08

MLJ 12/03/08
(9)

W/O:		WORK ORDER CHANGES					
DATE	STEP	PROCEDURE CHANGE	By	Date	Qty	Approval Chief Eng / Prod Mgr	Approval QC Inspector

Part No: _____ PAR #: _____ Fault Category: _____ NCR: Yes No DQA: _____ Date: _____

Resolution: _____ Disposition: _____ QA: N/C Closed: _____ Date: _____

NCR:		WORK ORDER NON-CONFORMANCE (NCR)						
DATE	STEP	Description of NC Section A	Corrective Action Section B			Verification Section C	Approval Chief Eng	Approval QC Inspector
			Initial Chief Eng	Action Description Chief Eng	Sign & Date			

NOTE: Date & initial all entries

Picklist Print

March 6, 2012 10:52:10 AM

Page 1

Work Order ID: 80996

Parent Item: D3801-1

Start Date: 3/06/12

Required Date: 3/07/12

Parent Item Name: Hand Retractable Spring Plunger

Start Qty: 10.00

Required Qty: 10.00

Comments: IPP Rev:A 08-07-22 new issue DD verified by:EC

Component Item ID/ Item Name	Replacement Item ID	Mfg/ Purch	Bin Item	Primary Location	Last Location	Route Seq ID	Unit of Measure	Qty on Hand	Qty per Kit	Total Qty	Qty Issued	Date Issued	Status
D3801-1P HAND PLUNGER		Purchased	No			110	Each	0.0000	1	10			

CY 12/03/06

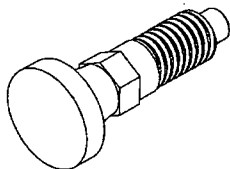
W/O:		WORK ORDER CHANGES					
DATE	STEP	PROCEDURE CHANGE	By	Date	Qty	Approval Chief Eng / Prod Mgr	Approval QC Inspector

Part No: _____ PAR #: _____ Fault Category: _____ NCR: Yes No DQA: _____ Date: _____

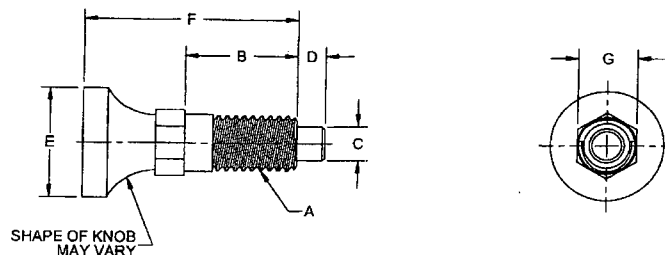
Resolution: _____ Disposition: _____ QA: N/C Closed: _____ Date: _____

NCR:		WORK ORDER NON-CONFORMANCE (NCR)						
DATE	STEP	Description of NC Section A	Corrective Action Section B			Verification Section C	Approval Chief Eng	Approval QC Inspector
			Initial Chief Eng	Action Description Chief Eng	Sign & Date			

NOTE: Date & initial all entries



SPECIFICATION CONTROL DRAWING



CD 12/03/06
W10: 80994

D3801-X HAND RETRACTABLE SPRING PLUNGER

DART P/N	SUPPLIER	SUPPLIER P/N	'A' THREAD SIZE	'B' THREAD LENGTH	'C' NOSE DIAMETER	'D' NOSE LENGTH	'E' HEAD DIAMETER	'F' LENGTH	'G' WIDTH ACCROSS FLATS	MATERIAL (BODY/ NOSE)	MATERIAL (KNOB)	TYPE	END FORCE (lbs)	WEIGHT (lbs)
D3801-1	REID SUPPLY COMPANY	KBP-504	3/8-24 UNF	0.67	0.197	0.20	0.83	1.71	0.50	303 SS	BLACK DELRIN	NON-LOCKING	2.7	0.01
D3801-3	REID SUPPLY COMPANY	PRT-22 OR PRT-22N	1/2-13 UNC	1.00	0.313	0.25	1.00	1.90	0.52	303 SS	WHITE DELRIN	NON-LOCKING	1.75	0.02

△B

△B

NOTES:

- 1) MATERIAL: SEE TABLE
- 2) FINISH: N/A
- 3) TOLERANCES: PER DART QSI 018 UNLESS OTHERWISE NOTED
- 4) UNITS: INCHES UNLESS OTHERWISE NOTED
- 5) BREAK SHARP EDGES: 0.005 TO 0.010 MAX
- 6) IDENTIFICATION: N/A

RELEASED
2012-03-02

B	SUPPLIER P/N CHANGED: BODY/NOSE MAT'L WAS STEEL NOW STAINLESS STEEL REF. CAR12-88	MB	12.02.24
A	NEW ISSUE	MB	08.06.18
REV.	DESCRIPTION	BY	DATE
DESIGN			
DRAWN			
CHECKED			
MFG. APPR.			
APPROVED			
DE APPR.			
DATE	12.02.24		

DART AEROSPACE LTD
HAWKESBURY, ONTARIO, CANADA

DRAWING NO. **D3801** REV. B
SHEET 1 OF 1
TITLE
HAND RETRACTABLE SPRING PLUNGER NTS

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Dart Aerospace Ltd

W/O:		WORK ORDER CHANGES					
DATE	STEP	PROCEDURE CHANGE	By	Date	Qty	Approval Chief Eng / Prod Mgr	Approval QC Inspector

Part No: _____ PAR #: _____ Fault Category: _____ NCR: Yes No DQA: _____ Date: _____

Resolution: _____ Disposition: _____ QA: N/C Closed: _____ Date: _____

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DATE	STEP	Description of NC Section A	Corrective Action Section B			Verification Section C	Approval Chief Eng	Approval QC Inspector
			Initial Chief Eng	Action Description Chief Eng	Sign & Date			

NOTE: Date & initial all entries

ENGINEERING CHANGE NOTICE

DART AEROSPACE LTD

Date: 12.03.02	Job No.: ENG3116FEB	ADR Yes/No: Y	ADR Date: 12.03.29	ECN #: 12- 535
Product No.: D350-607-44X/-54X;DXXX-797;D412-761-049/-051		Created By: <i>[Signature]</i>	Approved By: <i>[Signature]</i>	
Product Name: BASKETS AND VRD		Checked By: <i>[Signature]</i>		

Distribution	Reqd	Resp	Initial / Date
Production Manager / Coord.	Y	LL/MF	
Purchasing Coord.	Y	CL	
Production Engineering Coord.	Y	DD	
		EC	

Distribution	Reqd	Resp	Initial / Date
DQA / QA Coord.	Y	PS	
QC Coordinator	Y	ED	
Customer Technical Support	Y	DS	
Marketing	Y	SW	
Customer Order Processing	N		

Reason for Change:
CHANGING SPRING PLUNGERS FROM CARBON STEEL TO STAINLESS STEEL. REF: CAR12-64.

Documents Affected:
RELEASE D3801 REV. B

PARTS MUST COMPLY



PREVIOUS PARTS SATISFACTORY



#	Quality Assurance Actions	Reqd	Resp	Notes	Complete
1	Notify Previous Customers	Y	SW/LM	PER ATTACHED CHAIN OF EMAILS AND CAR12-64.	
2	Notify Eurocopter France	N			
3					

#	Engineering Actions	Reqd	Resp	Notes	Complete
4	Required Documents/Drawings Under Review	Y	MB		12.03.02
5	Update Master Document List (MDL)	N		TOO MANY MDL'S TO UPDATE AT THIS TIME.	
6	Update Product Compatability Matrix	N			
7	Create Eurocopter Form (FEE)	N			
8	Notify TC / FAA of Change	N			
9					

#	Document Control Actions	Reqd	Resp	Notes	Complete
10	Move Electronic Files/Design Journal	Y	KJ		12.03.05
11	Update Product Specification Files	N			
12	Update Approved/Preliminary Dwg PDF Files	Y	KJ		12.03.05
13	Update Document Record (DR)	N		TOO MANY DR'S TO UPDATE AT THIS TIME.	
14	Update Product Development Summary	N			
15	Update QSI 021 and/or STC Approval List	N			
16	Update Parts / STC Database	N			
17	Update / Verify ARC Database	N			
18	Create / Update Change Record Form / Item Card Database	Y	KJ	SEE BELOW.	
19	Create / Update PPP's	Y	KJ	AS REQUIRED.	
20	Red Decals required?	Y	KJ		
21	Update Document Control Database / Laminated Dwgs	N			
22	Update Grey Project / Electronic Binder PDF Files	Y	KJ	WITH D3801-B ADR.	12.03.05
23	Update D-Part/M-Drawing/DSI/DEO Master Binders	Y	KJ		12.03.05
24					

Description / Action:

THIS CHANGE IS CRITICAL FOR THE FOLLOWING AFFECTED BASKETS; UPDATE THE CHG NUMBERS AS FOLLOWS:

- D350-607-401 NOW @ CHG 002.
- D350-607-441/-443/-445/-447/-501/-541/-543/-545/-547 NOW @ CHG 003.
- D206-797-021/-022/-023/-024 NOW @ CHG 003.
- D407-797-011/-012/-013/-014 NOW @ CHG 003.

IN-STOCK/IN-PROGRESS ABOVE BASKETS AND KITS ARE AFFECTED BY THIS CHANGE AND SO IS D3912-041. ALL MUST COMPLY.

THIS CHANGE IS MINOR ON D412-761-049/-051 - IT IS ACCEPTABLE TO DEplete STOCK AND USE D3801-1/-3 REV. A IN D3695-041 AND D3696-041. HOWEVER, WHENEVER D3801-1/-3 REV. B ARE USED IN D3695-041 AND D3696-041, THE CHG NUMBER OF THE KITS IS AFFECTED AS FOLLOWS:

- D412-761-049 @ CHG 003 (WHEN USING D3801-1 REV. B).
- D412-761-051 NOW @ CHG 002 (WHEN USING D3801-3 REV. B).

IN-STOCK/IN-PROGRESS ABOVE KITS AND D3695-041 AND D3696-041 ARE ACCEPTABLE AS IS AND DON'T HAVE TO COMPLY.

ECN Verified & Complete: _____

Date: _____



Dart Aerospace Ltd.
1270 Aberdeen Street
Hawkesbury, ON K6A 1K7
Tel: 613 632 9577
Fax: 613 632 1053

PURCHASE ORDER

Purchase Order ID PO16273

Purchase Order Date 2/24/12

PO Print Date 3/06/12

Page Number 1 of 1

Order From :
REID TOOL SUPPLY CO.
PO BOX 179
MUSKEGON,, MI 494430179
US

VU-REI001

Contact Name
Vendor Phone 800 253 0421
Vendor Fax 800 438 1145
Vendor Account Nbr

Buyer Chantal Lavoie
Requisition Nbr
Tax Resale Nbr 10127-2607
Terms Net 30
Currency USD
FOB Destination-Collect

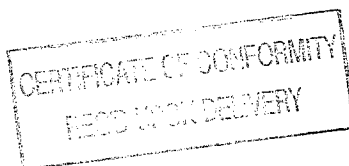
Ship To : DART AEROSPACE LTD 1270 ABERDEEN
HAWKESBURY, ON K6A 1K7
CANADA

Line Nbr	Reference Revision ID Vendor Part Number	Description/ Mfg ID	Req Date/ Taxable	Req Qty/ Unit of Measure	Ship Method	Unit Price	Extended Price
2	D3801-1P	HAND PLUNGER	2/28/12 Yes	10.00 Each	FedEx PI collect	\$22.5800	\$225.80

CL/2103/04

Special Inst: AS PER DWG D3801 REV.B
B80996
AS PER ECN 12-535

PO Total: \$225.80



CL

No substitution or deviation without consent.
Certificate of Conformity or Material Certification required when applicable

Change Nbr: 3

Change Date: 3/06/12



A Reid Entities Company

2265 Black Creek Rd * Muskegon * MI * 49444-2684
Phone: 800.253.0421 * Email: sales@reidsupply.com
Fax: 800.438.1145 * Web: ReidSupply.com



P.O. #: PO16273

Shipper No 04493888-1

Page 1 of 1

Bill To: DART AEROSPACE
1270 ABERDEEN ST
HAWKESBURY, ON K6A 1K7
Canada

Ship To: DART AEROSPACE
1270 ABERDEEN ST
HAWKESBURY, ON K6A 1K7
Canada

Phone

Attn:

Customer No	Your P.O. No	Sched Date	Ship Via	Ship Date	Shipper No
215650	PO16273	02/24/12	FED-EX INTL PRIOR 3RD PTY	03/01/12	04493888-1

Line	Order Qty	Item	Description	Qty Shipped	Back Order
1	5	KBP-504	3/8-24 NON-LOCKING SS PULL INDEXING PLUNGER	5 ✓	0
P/O: PO16273				HS Tariff Code:	820570
5 pcs in stock. Approx back order lead time is 2 weeks.				Country of Origin:	Germany
Shipping items in stock today. Please note lead time. Thank you.				22.58	112.90
				Value in US Funds:	112.90
				Terms: Net 30 Days	

Total Number of items: 1

Opr: ERH Branch: 11 SLSM: REID

Picker:

Estimated Weight: 0 lb 3.52 oz 0.100 kg

Reid 2/3/12

All sales of products or services by Reid Supply Company are made subject to the Terms and Conditions of Sale, incorporated by reference and available at ReidSupply.com or by calling 231.777.3951. If Buyer has not otherwise agreed to those terms, then Buyers acceptance of delivery of and/or payment for the products or services will constitute buyer's acceptance of the Terms and Conditions of Sale.

CERTIFICATION OF COMPLIANCE

Reid Supply Company

States the above material purchased was supplied in accordance with the description as illustrated in our catalog and our website.

THANK YOU VERY MUCH FOR YOUR ORDER

Packing List

Cathy Reid
Cathy Reid Document Control Supervisor

Packing List



A Reid Entities Company

2265 Black Creek Rd * Muskegon * MI * 49444-2684
Phone: 800.253.0421 * Email: sales@reidsupply.com
Fax: 800.438.1145 * Web: ReidSupply.com



* 4 4 9 3 8 8 8 *

P.O. #: PO16273

Shipper No 04493888-0

Page 1 of 1

Bill To: DART AEROSPACE
1270 ABERDEEN ST
HAWKESBURY, ON K6A 1K7
Canada

Ship To: DART AEROSPACE
1270 ABERDEEN ST
HAWKESBURY, ON K6A 1K7
Canada

Phone

Attn:

Customer No	Your P.O. No	Sched Date	Ship Via	Ship Date	Shipper No
215650	PO16273	02/24/12	FED-EX INTL PRIOR 3RD PTY	02/24/12	04493888-0

Line	Order Qty	Item	Description	Qty Shipped	Back Order
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				22.58	112.90
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				Terms: Net 30 Days	

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Picker: BAD

Estimated Weight: 0 lb 3.52 oz 0.100 kg

S 17/03/02

CL12/03/02

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Reid Supply Company

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THANK YOU VERY MUCH FOR YOUR ORDER

Packing List

Cathy Reid
Cathy Reid Document Control Supervisor

Packing List